

**ABSTRACT OF THE DISCLOSURE**

[28] A protective cover for preventing damage and contamination to the pins within an electrical pin connector on a circuit board includes a semi-rigid housing defining an interior cavity. The housing is removably securable over the pin connector through an attachment mechanism which frictionally engages features on the pin connector and/or circuit board. In one embodiment, the housing includes one or more guide features to facilitate aligning the pin connector with the interior cavity of the housing. Multiple pin connectors may be accommodated within the interior cavity of the housing. Alternatively, the interior cavity may be partitioned into separate cavities, each of which may accommodate multiple pin connectors. A fin or rib may project from a surface of the housing to facilitate attachment or removal of the housing either manually or with a machine.